

Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			I.A. Number	PCT/JP2005/001764	
			I.A. Filing Date	February 7, 2005	
			First Named Inventor	Kazuo HATTORI	
			Group Art Unit	Not Yet Known	
			Examiner Name	Not Yet Known	
Sheet	1	of	2	Attorney Docket Number	HATTORI=3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,942,163	07-17-1990	Carl H. BEHRENS	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AB	WO 99/11624 A1	03-11-1999	GUILFORD PHARMACEUTICALS		
	AC	WO 98/51307	11-19-1998	OCTAMER, INC.		

NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	AD	Noboru YAGI et al., "Syntheses of N-Substituted-7-acylamino-3-phenylisocarbostyryl and 6-Phenylbenzimidazo[2,1-a]isoquinoline Derivatives and their Fluorescence Spectra", <u>Yuki Gosei Kagaku Kyokaiishi</u> , Vol. 27, pp. 51-58, 1969.			Abs.
	AE	Won-Jea CHO et al., "Synthesis And Biological Evaluation of 3-Arylisoquinolines As Antitumor Agents", <u>Bioorganic &amp; Medical Chemistry Letters</u> , Vol. 8, pp. 41-46, 1998.			
	AF	Alain ROSE et al., "Oxygen Heterocycles. Part XIII. <sup>1</sup> From 3-Arylisoquinolines and 4-Aryl-5H-2,3-benzodiazepines", <u>J. Chem. Soc., (C)</u> , 1968, pp. 2205-2208.			
	AG	Graham S. POINDEXTER, "Convenient Preparation of 3-Substituted 1(2H)-Isoquinolinones", <u>J. Org. Chem.</u> , Vol. 47, pp. 3787-3788, 1982.			
	AH	Won-Jea CHO et al., "Synthesis and Antitumor Activity of 3-Arylisoquinoline Derivatives", <u>Arch. Pharm. Res.</u> , Vol. 20, No. 3, pp. 264-268, 1997.			
	AI	Seung Hoon CHEON et al., "Structure-Activity Relationship Studies of Isoquinolinone Type Anticancer Agent", <u>Arch. Pharm. Res.</u> , Vol. 24, No. 4, pp. 276-280, 2001.			
	AJ	Won-Jea CHO et al., "Molecular Modeling of 3-Arylisoquinoline Antitumor Agents Active Against A-549. A Comparative Molecular Field Analysis Study", <u>Bioorganic &amp; Medical Chemistry Letters</u> , Vol. 10, pp. 2953-2961, 2002.			
Examiner Signature	/Zinna Davis/ (10/01/2009)			Date Considered	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	AK	Thanh Nguyen LE et al., "A facile synthesis of benzo[c]phenanthridine alkaloids: oxynitidine and oxysanguinarine using lithiated toluamide-benzonitrile cycloaddition", <u>Tetrahedron Letters</u> , Vol. 45, pp. 2763-2766, 2004.	
	AL	Thanh Nguyen LE et al., "A Versatile Total Synthesis of Benzo[c]phenanthridine and Protoberberine Alkaloids Using Lithiated Toluamide-Benzonitrile Cycloaddition", <u>J. Org. Chem.</u> , Vol. 69, pp. 2768-2772, 2004.	
	AM	John P. WOLFE et al., "Simple, Efficient Catalyst System for the Palladium-Catalyzed Amination of Aryl Chlorides, Bromides, and Triflates", <u>J. Org. Chem.</u> , Vol. 65, pp. 1158-1174, 2000.	
	AN	Michele C. HARRIS et al., "Improved Functional Group Compatibility in the Palladium-Catalyzed Synthesis of Aryl Amines", <u>Organic Letters</u> , Vol. 4, No. 17, pp. 2885-2888, 2002.	
	AO	Xiaohua HUANG et al., "New Ammonia Equivalents for the Pd-Catalyzed Amination of Aryl Halides", <u>Organic Letters</u> , Vol. 3, No. 21, pp. 3417-3419, 2001.	
	AP	Kentaro OKANO et al., "Synthesis of Secondary Arylamines through Copper-Mediated Intermolecular Aryl Amination", <u>Organic Letters</u> , Vol. 5, No. 26, pp. 4987-4990, 2003.	
	AQ	Artis KLAPARS et al., "A General and Efficient Copper Catalyst for the Amidation of Aryl Halides and the N-Arylation of Nitrogen Heterocycles", <u>J. Am. Chem. Soc.</u> , Vol. 123, pp. 7727-7729, 2001.	
	AR	Artis KLAPARS et al., "A General and Efficient Copper Catalyst for the Amidation of Aryl Halides", <u>J. Am. Chem. Soc.</u> , Vol. 124, pp. 7421-7428, 2002.	
	AS	Teruo UMEMOTO et al., "Synthesis, Properties, and Reactivity of N,N-Difluoribipyridinium and Related Salts and Their Applications as Reactive and Easy-To-Handle Electrophilic Fluorinating Agents with High Effective Fluorine Content", <u>J. Org. Chem.</u> , Vol. 63, pp. 3379-3385, 1998.	
	AT	J. Hodge MARKGRAF et al., "Strained Heterocyclic Systems. 16. <sup>1</sup> 1-Azatrypticene", <u>Heterocycles</u> , Vol. 29, No. 4, pp. 649-651, 1989.	

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